

ABSTRACT:

Improved paging methods and apparatus are described. Paging requirements for a page are determined from paging information. Paging requirements may include, e.g., transmission delay constraints, paging resource requirements, whether or not a page is to be acknowledged, quality of service information, etc. A page is generated and transmitted by the node determining the paging requirements. In other embodiments, paging requirement information is communicated in a message to a node which is responsible for paging transmission resource allocation and/or actual transmission of a page. The methods and apparatus of the present invention allow pages to be treated on a differential basis according to a page's particular requirements. Different quality of service levels can be maintained for pages with pages having a higher QoS being given resource allocation priority and/or scheduling priority over pages corresponding to lower levels of page QoS.